

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: C. Chen et al.

U.S.S.N.: Not Yet Assigned

Art Unit: Not Yet assigned

FILED: Herewith

Examiner: Not Yet Assigned

FOR: CHIP CARRIER, SEMICONDUCTOR PACKAGE AND FABRICATING
METHOD THEREOF

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office Addressee," Mailing Label No. EV343734466US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 24, 2003.

By:

Michelle P. Chicos

Michelle P. Chicos

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

Date: July 24, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. **COPIES**

a. ☒

Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. ☐ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:
- c. ☐ The following additional information is provided for the Examiner's consideration:

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

- a. ☒ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.
- b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. ☐ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$240.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

b. ☐ See the certification below. No fee is required.

VI. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d):
(check both boxes if applicable)

before payment of the Issue Fee (See 37 C.F.R. § 1.97(d).

a. ☐ See the certification below; and

b. ☐ A fee in the amount of \$180.00 is enclosed as required by 37 C.F.R. § 1.17(p).

VII. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

a. ☐ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS;
or

b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

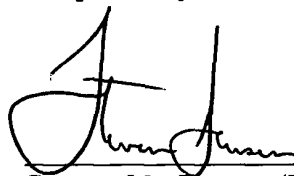
c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited

in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

- ☐ Please charge Deposit Account No. 04-1105 in the amount of _____ for the above-indicated fee. A triplicate copy of this paper is attached.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,



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Date: July 24, 2003

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Customer No. 21874

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO. 56410-DIV (71987)	SERIAL NO. Not Yet Assigned
	APPLICANT(S): C. Chen et al.	
	FILING DATE: Herewith	ART UNIT: Not Yet Assigned

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILE DATE IF APPR
	AA	6,473,311	10/2002	James et al.			
	AB	6,469,258	10/2002	Lee et al.			
	AC	6,458,629	10/2002	Kobayashi			
	AD	6,437,432	08/2002	Ikumo et al.			
	AE	6,246,015	06/2001	Kim			
	AF	6,214,645	04/2001	Kim			
	AG	6,208,525	03/2001	Imasu et al.			
	AH	6,150,193	11/2000	Glenn			
	AI	5,818,698	10/1998	Corisis			
	AJ	5,801,440	09/1998	Chu et al.			
	AK	5,635,671	06/1997	Freyman et al.			
	AL	5,450,283	09/1995	Lin et al.			
	AM	5,375,989	12/1994	Tsutsumi			
	AN	5,311,402	05/1994	Kobayashi et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Examiner:	Date:
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EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILE DATE IF APPR
	AO	5,291,062	03/1994	Higgins, III			
	AP	5,222,014	06/1993	Lin			
	AQ	5,074,779	12/1991	Tsutsumi et al.			
	AR	4,915,608	04/1990	Tsutsumi et al.			
	AS	4,825,284	04/1989	Soga et al.			
	AT	4,231,987	11/1980	Osawa et al.			
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Examiner:				Date:			